

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Hiroyuki NAKANO, et al.  
Serial No.: 09/763,735  
Filed: September 17, 2001  
Title: CIRCUIT BOARD PRODUCTION METHOD  
AND ITS APPARATUS  
Group: 3742  
Examiner: Mark H. PASCHALL  
Confirmation No.: 9901

**TERMINAL DISCLAIMER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 1, 2007

Sir:

Petitioner, Hitachi, Ltd., having a principal place of business at 6, Kanda Surugadai 4-chome Chiyoda-ku, Tokyo, Japan, is the owner of the entire right, title, and interest in and to the subject application, of U.S. Application No. 09/760,704, filed January 17, 2001, now U.S. Patent No. 6,778,272, by virtue of the assignment recorded on September 17, 2001 at reel 012236, frame 0442.

Petitioner hereby disclaims the terminal part of any patent granted on the above-identified application, which would extend beyond the expiration of the full statutory term (as set forth in 35 U.S.C. 154) of United States Patent No. 6,778,272, and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the

same as the legal title to United States Patent No. 6,778,272, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors and assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 USC 154 to 156 and 173 of the prior patent, as presently shortened by any terminal disclaimer, in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 35 USC 1.321, has all claims cancelled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

The undersigned is an attorney of record in this application and is empowered to act on behalf of Hitachi, Ltd., for execution and submission of Terminal Disclaimers, in accordance with the provisions of 37 CFR § 1.321(b) and (c), effective January 4, 1994.

Respectfully submitted,  
ANTONELLI, TERRY, STOUT & KRAUS, LLP.

\_\_\_\_\_/Melvin Kraus/ *MK*  
Melvin Kraus  
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MK/LDT/vvr

Dated: November 1, 2007